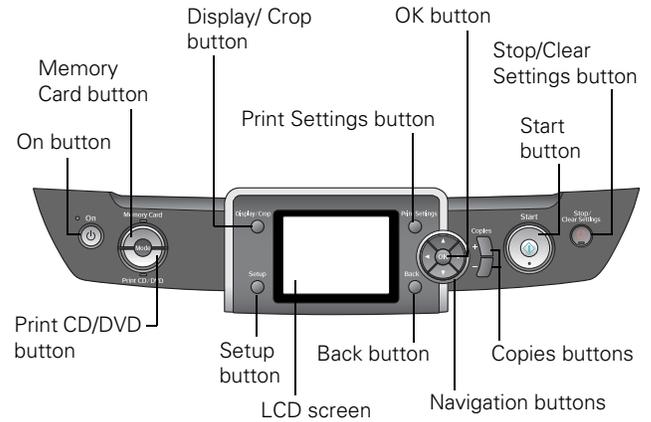
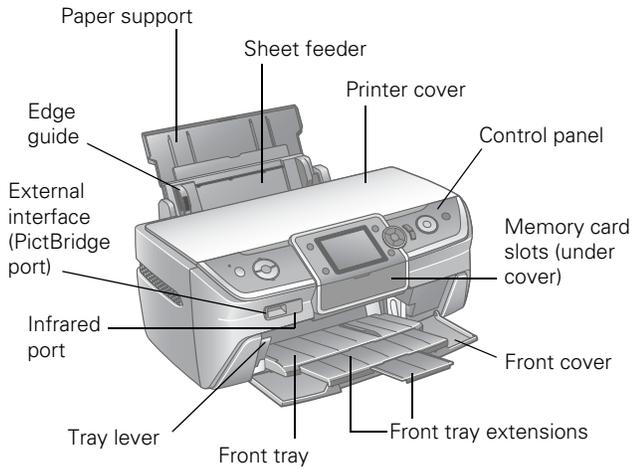


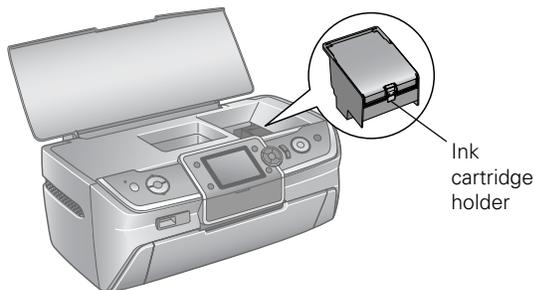
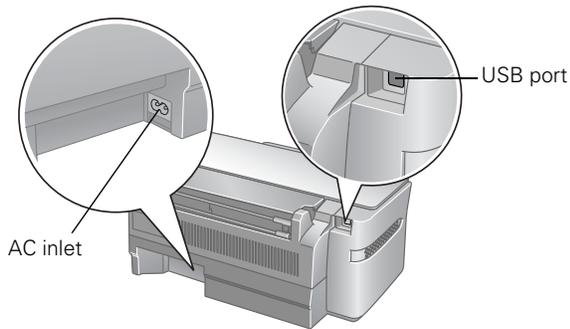
## Printer Parts



## Accessories

### Ink Cartridges

Epson® offers standard and high-capacity ink cartridge sizes for each color, and you can use both sizes at once in your Epson Stylus Photo R380, if desired. For example, you can install a standard size magenta cartridge (part number 78) and a high-capacity black cartridge (part number 77). The high-capacity cartridges are available at [www.epson.com/highcapacity](http://www.epson.com/highcapacity) (U.S. sales) or [www.epson.ca](http://www.epson.ca) (Canadian sales).



Cartridge	Part number
Black	78 (T078120)
Cyan	78 (T078220)
Magenta	78 (T078320)
Yellow	78 (T078420)
Light Cyan	78 (T078520)
Light Magenta	78 (T078620)
High-Capacity Black	77 (T077120)
High-Capacity Cyan	77 (T077220)
High-Capacity Magenta	77 (T077320)
High-Capacity Yellow	77 (T077420)
High-Capacity Light Cyan	77 (T077520)
High-Capacity Light Magenta	77 (T077620)

**Caution:** To ensure good results, use genuine Epson cartridges and do not refill them. Other products may cause damage to your printer not covered by Epson's warranties.

Don't use an ink cartridge beyond the expiration date on the package.

**Epson Media**

Paper name*	Size	Part number
Epson Ultra Premium Photo Paper Glossy	Borderless 4 × 6 inches	S041934
	Letter (8.5 × 11 inches)	S041935
Epson Ultra Premium Glossy Photo Paper		
Epson Premium Photo Paper Glossy	Borderless 4 × 6 inches	S041808 S041727
	Borderless 5 × 7 inches	S041464
Epson Premium Glossy Photo Paper	Borderless 8 × 10 inches	S041465
	Letter (8.5 × 11 inches)	S041286 S041667
Epson Premium Photo Paper Semi-gloss	Borderless 4 × 6 inches	S041982
	Letter (8.5 × 11 inches)	S041331
Epson Premium Semigloss Photo Paper		
Epson Photo Paper Glossy	Borderless 4 × 6 inches	S041809
	Letter (8.5 × 11 inches)	S041141 S041649 S041271
Epson Glossy Photo Paper		
Epson Bright White Paper	Letter (8.5 × 11 inches)	S041586
Epson Premium Bright White Paper		
Epson Premium Presentation Paper Matte	Borderless 8 × 10 inches	S041467
	Letter (8.5 × 11 inches)	S041257
	Legal (8.5 × 14 inches)	S041067
Epson Matte Paper Heavyweight		
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 × 11 inches)	S041568
Epson Double-sided Matte Paper		
Epson Presentation Paper Matte	Letter (8.5 × 11 inches)	S041062
Epson Photo Quality Ink Jet Paper		
Epson Iron-on Cool Peel Transfer paper	Letter (8.5 × 11 inches)	S041153
Epson Photo Quality Self Adhesive Sheets	A4 (8.3 × 11.7 inches)	S041106
Epson Ultra Premium Photo Paper Luster	Letter (8.5 × 11 inches)	S041405
Epson Premium Luster Photo Paper		

\* Availability of paper types varies by location.

**Specifications**

**Printing**

Printing method On-demand ink jet  
 Ink configuration Six individual ink cartridges in black, cyan, magenta, yellow, light cyan, and light magenta

**Mechanical**

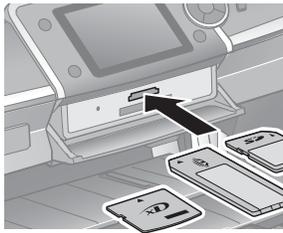
Paper feed Friction  
 Paper path Sheet feeder, top entry  
 Sheet feeder capacity About 120 sheets  
 Dimensions  
     Storage Width: 17.8 inches (453 mm)  
                   Depth: 13.5 inches (343 mm)  
                   Height: 7.6 inches (194 mm)  
     Printing Width: 17.8 inches (453 mm)  
                   Depth: 21.2 inches (538 mm)  
                   Height: 11.2 inches (285 mm)  
     Weight 15.8 lb (7.15 kg) without ink cartridges

**Ink Cartridges**

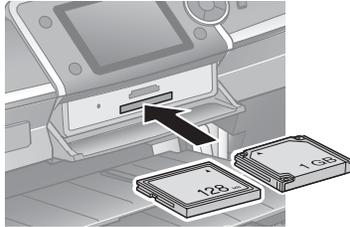
Colors Black, cyan, magenta, yellow, light cyan light magenta  
 Cartridge life Within 6 months after opening package, at 77 °F (25 °C)  
 Dimensions (W × D × H) 0.5 × 2.7 × 1.9 inches (12.7 × 68.0 × 47.0 mm)  
 Storage temperature -4 to 104 °F (-20 to 40 °C)  
                                   1 month at 104 °F (40 °C)  
 Freezing temperature\* 3.2 °F (-16 °C)

\* Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C)

## Memory Card Compatibility



Top slot



Bottom slot

Slot	Type of card
Top slot	xD-Picture Card™ xD-Picture Card Type M xD-Picture Card Type H MagicGate™ Memory Stick MagicGate Memory Stick Duo* Memory Stick™ Memory Stick Duo™* Memory Stick PRO™ Memory Stick PRO Duo™* MultiMediaCard SD™ Card SDHC Card miniSD™ Card* miniSDHC Card* microSD Card* microSDHC Card*
Bottom slot	CompactFlash® Microdrive™

\* Adapter required.

The printer supports image files that meet the following requirements:

<b>Media format</b>	DCF version 1.0 or 2.0 compliant*
<b>File format</b>	JPEG, DOS FAT (FAT 12 or 16, one partition) taken with a DCF version 1.0 or 2.0 compliant digital camera Supports Exif version 2.21
<b>Image size</b>	80 × 80 pixels to 9200 × 9200 pixels
<b>Number of files</b>	Up to 999

\* DCF is the “Design rule for Camera File system” standard.

## Electrical

<b>Rated voltage</b>	100-120 V Model	220-240 V Model
<b>Input voltage range*</b>	AC 90 to 132 V	AC 198 to 264 V
<b>Rated frequency range</b>	50 to 60 Hz	
<b>Input frequency range</b>	49.5 to 60.5 Hz	
<b>Rated current</b>	0.6 A (max. 1.1 A)	0.3 A (max. 0.5 A)
<b>Power consumption</b>	ISO/IEC10561 Letter pattern	Approx. 17 W
	Sleep mode	Approx. 4.5 W      Approx. 5.0 W
	Power off mode	Approx. 0.2 W      Approx. 0.4 W

\* Check the label on the back of the printer for its voltage.

## Interfaces

USB 2.0 Hi-Speed (Device Class for computers), based on Universal Serial Bus Specifications Revision 2.0; 480 Mbps

USB 2.0 Hi-Speed (Mass Storage Class for external storage devices)

Bluetooth® Ver. 2.0+EDR (option)

IrDA Ver. 1.3

## Environmental

Temperature

Operation      50 to 95 °F (10 to 35 °C)

Storage      -4 to 104 °F (-20 to 40 °C)  
1 month at 104 °F (40 °C)

Humidity (without condensation)

Operation      20 to 80% RH

Storage      5 to 85% RH

## Safety Approvals

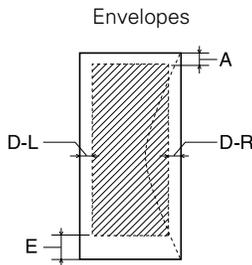
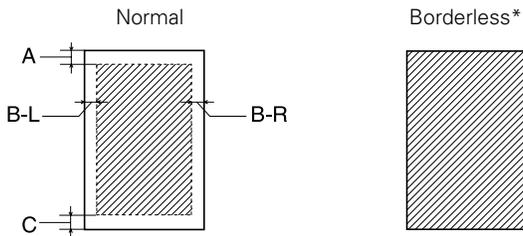
Safety standards      UL 60950-1  
CAN/CSA-22.2 No.60950-1

EMC      FCC part 15 Subpart B class B  
CAN/CSA-CEI/IEC CISPR 22 Class B

**Paper**

Paper	Type	Specifications
Single sheets	Plain bond paper or special paper distributed by Epson	Thickness: 0.003 to 0.004 inch (0.08 to 0.11 mm) for plain bond paper Weight: 17 lb to 24 lb (64 g/m <sup>2</sup> to 90 g/m <sup>2</sup> ) for plain bond paper
Envelopes	Plain bond paper	Weight: 20 lb to 24 lb (75 g/m <sup>2</sup> to 90 g/m <sup>2</sup> )

**Printable area**

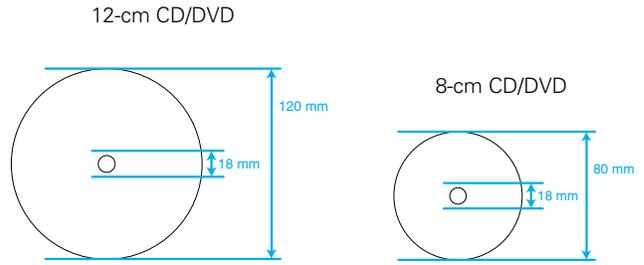


A	The minimum top margin is 0.12 inches (3.0 mm).
B-L	The minimum left margin is 0.12 inches (3.0 mm).
B-R	The minimum right margin is 0.12 inches (3.0 mm).
C	The minimum bottom margin is 0.12 inches (3.0 mm).
D-L	The minimum left margin is 0.20 inches (5.0 mm).
D-R	The minimum right margin is 0.20 inches (5.0 mm).
E	The minimum bottom margin is 0.78 inches (20.0 mm).

\* When you print with the borderless feature, print quality may decline in the expanded area. Before printing large jobs using the borderless setting, print a single sheet to confirm printout quality.

**Note:** Always load paper into the sheet feeder with the short edge first. Load envelopes flap edge left with the flap side down.

**CDs or DVDs**



If you are not printing on a hub-printable disc, do not print in the following areas of the disc; otherwise the disc or CD/DVD tray may get stained with ink.

<b>Inner hub area</b>	18 to 42 mm
<b>Outer periphery area</b>	117 to 120 mm for a 12-cm CD/DVD 77 to 80 mm for a 8-cm CD/DVD

**Selecting the Paper Type Setting**

Select the correct paper Type or Media Type setting in the printer driver so your printer knows what kind of paper you're using and adjusts the ink coverage accordingly.

For this paper	Select this paper Type or Media Type setting
Plain paper Epson Bright White Paper Epson Premium Bright White Paper Epson Iron-on Cool Peel Transfer Paper	Plain Paper / Bright White Paper
Epson Ultra Premium Photo Paper Glossy Epson Ultra Premium Glossy Photo Paper	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy Epson Premium Glossy Photo Paper	Premium Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss Epson Premium Semigloss Photo Paper	Premium Photo Paper Semi-Gloss
Epson Photo Paper Glossy Epson Glossy Photo Paper	Photo Paper Glossy
Epson Premium Presentation Paper Matte Epson Matte Paper Heavyweight Epson Premium Presentation Paper Matte Double-sided Epson Double-sided Matte Paper	Premium Presentation Paper Matte
Epson Presentation Paper Matte Epson Photo Quality Ink Jet Paper Epson Photo Quality Self Adhesive Sheets	Presentation Paper Matte
Epson Ultra Premium Photo Paper Luster Epson Premium Luster Photo Paper	Ultra Premium Photo Paper Luster
Envelopes	Envelope

## Paper Loading Guidelines

You can load up to 120 sheets of plain paper and the following number of sheets of Epson special media:

Paper type	Loading capacity
Epson Presentation Paper Matte Epson Photo Quality Ink Jet Paper	120 sheets
Epson Bright White Paper Epson Premium Bright White Paper	80 sheets
Epson Ultra Premium Photo Paper Glossy Epson Ultra Premium Glossy Photo Paper Epson Premium Photo Paper Glossy Epson Premium Glossy Photo Paper Epson Premium Photo Paper Semi-gloss Epson Premium Semigloss Photo Paper Epson Photo Paper Glossy Epson Glossy Photo Paper Epson Premium Presentation Paper Matte Epson Matte Paper Heavyweight Epson Premium Presentation Paper Matte Double-sided Epson Double-sided Matte Paper Epson Ultra Premium Photo Paper Luster Epson Premium Luster Photo Paper	20 sheets
Epson Iron-on Cool Peel Transfer paper Epson Photo Quality Self Adhesive Sheets	1 sheet

- ❑ Don't load paper above the arrow mark on the left edge guide. Make sure the paper is under the tabs on the left and right edge guides.
- ❑ Load the printable side face-up. It's often brighter or whiter than the other side.
- ❑ Always load the short edge first, even when printing in landscape mode.
- ❑ Load letterhead or preprinted paper into the printer top edge first.
- ❑ If you experience paper feeding problems, try loading fewer sheets.
- ❑ If you're using special paper, follow the instructions that came with the paper.

See your *Printer Basics* or on-screen *User's Guide* for more information about loading paper.

## Error Messages

You can diagnose and solve most problems by checking the error messages on the LCD screen. The following table lists the error messages and recommended solutions.

Error message	Solution
A printer error has occurred. See your documentation.	Paper may be blocking movement of the print head. Turn off the printer, then lift up the printer cover and remove any jammed paper or other foreign objects. Also, make sure you've removed all of the packing material. Then turn the printer back on. If you still see this error message, contact Epson.
Waste ink pad in the printer is saturated.	Contact your dealer to replace it.
Cannot recognize ink cartridges.	Make sure the ink cartridges are installed correctly.
The document is too complex to print with Bluetooth.	See the documentation for your Bluetooth device.
Data error. The document cannot be printed.	See the documentation for the device transmitting the data. This error occurs when the transmitting device does not send data properly.
Cannot recognize the device.	Make sure you've inserted your memory card or storage device correctly.
Cannot recognize the memory card or disk.	Make sure you've inserted the memory card or storage device correctly. If so, check to see whether there is a problem with the card or device.
A problem occurred while formatting. Formatting cancelled.	Retry the procedure. If the error reoccurs, there may be a problem with your memory card or storage disk. Check to see whether there is a problem with the card or disk, then try again.
An error occurred while saving. Save cancelled.	The memory card should be formatted in the camera.
Cannot create a folder on the memory card or disk. Operation cancelled.	Insert a new memory card or storage device and try again.
Print head cleaning failed.	Try cleaning the print head again. If the error message reoccurs, contact Epson.
Backup Error Error code XXXXXXXX	A problem occurred and the backup procedure was cancelled. Make a note of the error code and contact Epson.

## Printing on CDs and DVDs

Your printer includes a special tray that lets you print customized text, graphics, and photos directly on any ink jet-printable CD or DVD. The Epson Print CD software makes it easy to import your own photos, add text, and modify your designs with a variety of special effects. You can print on both regular 12-cm and 8-cm CDs and DVDs.

**Caution:** Use only ink jet-printable CDs and DVDs for printing. Thermal-printable and regular CDs and DVDs should not be used with this printer; otherwise the ink may smear.

## Cleaning the Rollers

Before you print on a CD or DVD, you should clean the rollers inside the printer. You can do this by feeding and ejecting several sheets of plain paper.

1. Make sure your printer is turned on and several sheets of letter-size plain paper are loaded.
2. Press the **Setup** button.
3. Press ◀ or ▶ select **Maintenance**, then press **OK**.
4. Press ▲ to select **Load/Eject Paper**, then press **OK**.
5. Press the ◊ **Start** button to run a sheet of paper through the printer's rollers.
6. Repeat step 5 four more times to finish cleaning the rollers.

## Inserting a CD or DVD

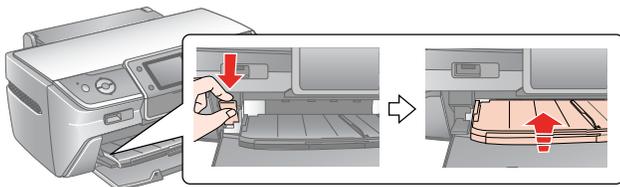
**Caution:** Make sure the data, music, or video is burned on your ink jet-printable CD or DVD before you print. Otherwise, dirt or scratches on the surface may cause errors when you burn the data.

1. Turn on the printer and open the front cover.
2. Set the front tray to the CD/DVD position by pulling the tray lever down.

**Caution:** Before you move the tray lever, make sure no paper or other objects are on the front tray and the front tray is not extended.

Do not touch the front tray when you move the tray lever.

Do not move the tray lever while the printer is printing.



3. Place the CD or DVD on the CD/DVD tray with the white or printable side face-up. Make sure the disc lies flat in the tray.

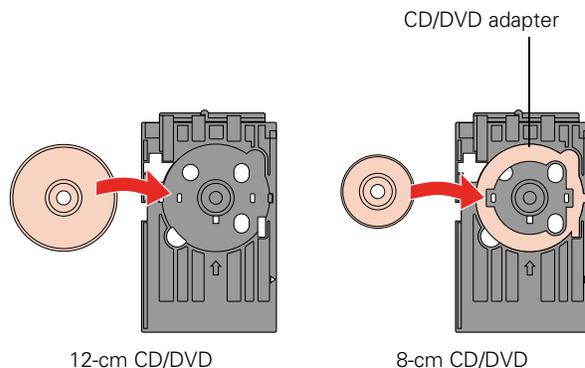
**Note:** Use only one CD/DVD at a time.

**Caution:** Before you position the CD or DVD, make sure that no foreign particles or substances are on the CD/DVD tray, as these may damage the disc's data side.

Be sure to use the CD/DVD tray provided with this printer. If you use another CD/DVD tray, there may be a gap in the print position and printing may not be accurate.

To print on a small CD or DVD (8-cm), place the small CD/DVD adapter on the tray first, then place the CD or DVD inside the adapter. Make sure the tabs on the edge of the adapter fit squarely into the molding of the tray.

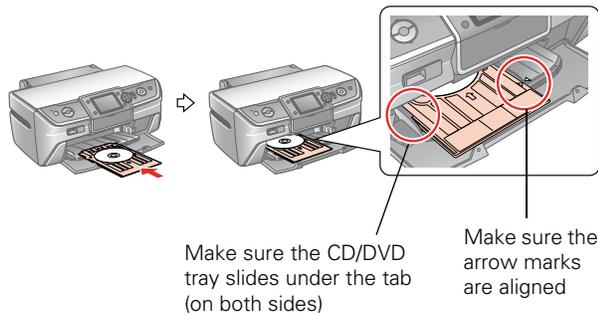
**Caution:** Make sure you always use the small CD/DVD adapter when you print on 8-cm CDs or DVDs and that the CD or DVD and adapter lie flat on the tray; otherwise the printer may be damaged.



4. Gently insert the CD/DVD tray along the base of the front tray until the arrow marks on the CD/DVD tray and the front tray are aligned.

**Caution:** Be sure to insert the CD/DVD tray while the printer is turned on; this ensures that the print position will be adjusted automatically.

Do not insert the CD/DVD tray while the printer is printing; otherwise, your printer may be damaged or the surface of the CD or DVD may become dirty or scratched.



## Designing CDs and DVDs

You can use the Epson Print CD program (included on the Printer Software CD-ROM) to create and print a design with images, graphics, and text. See your *Printer Basics* manual or on-screen *User's Guide* for instructions.

## Printing Your Design

After you have created your design and loaded a CD or DVD, follow these steps to print:

1. Open the File menu and select **Print**.
2. Make sure **EPSON Stylus Photo R380 Series (Windows)** or **Stylus Photo R380 (Macintosh)** is selected.
3. Select **CD/DVD** or **CD/DVD Premium Surface** as the Media Type setting.
4. Select **None** as the Print Confirmation Pattern setting (Windows) or **Test Print Pattern** setting (Macintosh).
5. Click **Print**.

**Note:** You can print on only one CD or DVD at a time. When the Copies setting is set to 2 or more, remove each disc from the tray after it has been printed, and then place the next CD or DVD on the tray. Then press the **Start** button to resume printing.

After you print, handle the CD or DVD carefully and allow the ink to dry for at least 24 hours before playing the disc or inserting it in a drive. Keep printed discs away from moisture and direct sunlight.

After you finish printing on a CD/DVD, remove the CD/DVD tray and set the front tray to the paper position by pushing up the tray lever.

If you need to adjust the print position or color, see your on-screen *User's Guide* or *Printer Basics* book.

## Replacing an Ink Cartridge

When you print with low or expended ink cartridges, you see a message on the LCD screen telling you which cartridges are low or expended.

You'll also see a message on your computer screen when you print telling you which cartridge is low or expended.

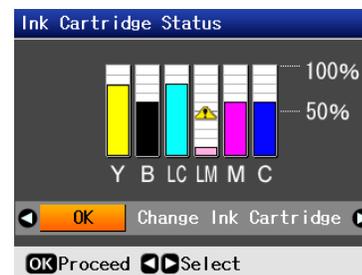
When a cartridge is installed in the printer for more than six months, you may need to replace it if printouts don't look their best. If the quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge even if the cartridge is not expended.

## Checking the Ink Cartridge Status

Follow the steps below to check how much ink is left in your cartridges.

**Note:** You can also check the ink cartridges using your computer; see your *Printer Basics* manual or on-screen *User's Guide* for instructions.

1. Press **Setup** to enter the Setup menu.
2. Press **◀** or **▶** to select **Ink Cartridge Status**, then press **OK**.
3. You see a screen showing the status of the ink cartridges:



The cartridges are identified as follows: Y (yellow), B (black), LC (light cyan), LM (light magenta), M (magenta), C (cyan).

4. When you're done checking the ink cartridge status, press **OK**. Press **◀** or **▶** to select **OK**, then press **OK**.

## Removing and Installing Ink Cartridges

Be sure you have a new ink cartridge before you begin. Once you start replacing a cartridge, you must complete all the steps in one session.

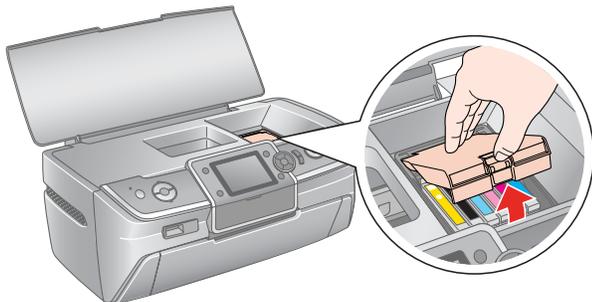
**Caution:** Leave the expended cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out. To ensure good results, use genuine Epson ink cartridges and do not refill them. Other products may cause damage to your printer not covered by Epson's warranty.

**Note:** Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

1. Make sure the printer is turned on, the CD tray is not inserted, and the front tray is in the paper (lower) position.
2. If an ink cartridge is expended, the LCD screen indicates which cartridge(s) you need to replace. Press OK.

If an ink cartridge is low, the LCD screen displays a message when you print. Press **Setup**, select **Maintenance**, then press **OK**. Press **▲** or **▼** to select **Change Ink Cartridge**, then press **OK**.

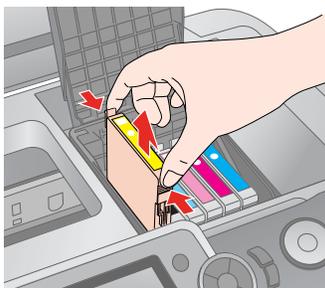
3. Open the printer cover, then open the cartridge cover.



**Caution:** Never attempt to open the cartridge cover while the print head is moving; wait until the cartridges have moved to the replacement position.

To avoid damaging the printer, never move the print head by hand.

4. Squeeze the back tab of the used cartridge as you lift it straight out. Dispose of it carefully. Don't take the cartridge apart or try to refill it.



**Warning:** If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.

**Note:** If an ink cartridge is low, you may continue to use it until it is expended.

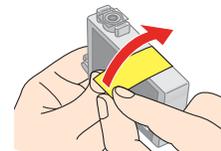
5. Remove the new cartridge from the package.

**Caution:** Do not touch the green IC chip on the side of the cartridge. This can damage the ink cartridge.

Always install an ink cartridge immediately after removing the old cartridge. If the cartridge is not installed promptly, the print head may dry out and be unable to print.



6. Remove the yellow tape from the bottom of the ink cartridge.



**Caution:** You must remove the yellow tape from the cartridge before you install it; otherwise, print quality may decline or you may not be able to print. If you have installed an ink cartridge without removing the yellow tape, take the cartridge out of the printer, remove the yellow tape, and then reinstall it.

Do not remove the transparent seal from the bottom of the cartridge; otherwise, the cartridge may become unusable.



Do not remove or tear the label on the cartridge; otherwise, ink will leak.

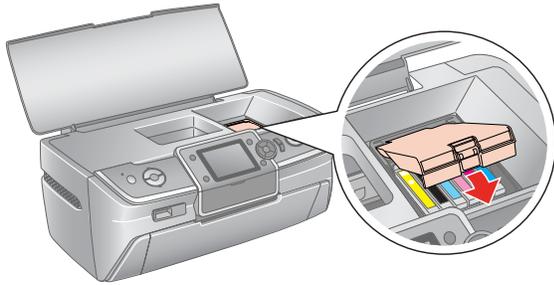


7. Lower the new ink cartridge into the holder. Push down gently until the cartridge clicks into place.



8. If you need to replace other ink cartridges, repeat steps 4 through 7 before continuing with step 9.

9. Close the cartridge cover, then close the printer cover.



10. Press OK.

The printer begins charging the ink delivery system and the message “Charging Ink. Please Wait” appears on the LCD screen.

After about one minute, the message “Ink cartridge replacement is complete” appears on the LCD screen.

**Caution:** Do not turn off the printer during ink charging as this will waste ink.

Do not insert the CD/DVD tray during ink charging.

## Cleaning the Print Head

If your printouts are unexpectedly light or faint, or you notice light or dark bands across your printout, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly.

You can clean the print head using the buttons on your printer or using the Head Cleaning utility on your computer. You can also run a nozzle check to see if the print head needs cleaning.

**Note:** Print head cleaning uses ink, so clean the print head only when print quality declines (for example, if you see lines in your printout or colors are incorrect or missing).

Before you clean the print head, check the print head nozzles first to confirm that the print head needs to be cleaned, as described below.

If error messages indicating low or expended ink appear on the LCD screen, you cannot clean the print head. Replace the appropriate ink cartridge first.

**Caution:** If you don't use your printer often it is a good idea to print a few pages at least once a month to maintain good print quality.

Before you check the print head nozzles or clean the print head, make sure the CD/DVD tray is not inserted in the printer, and make sure the front tray is in the paper (lower) position.

## Checking the Print Head Nozzles

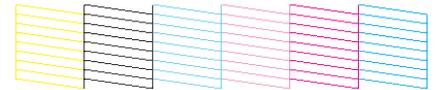
Follow the steps below to check the print head nozzles using the printer's control panel.

**Note:** You can also check the print head nozzles using your computer. See your *Printer Basics* manual or on-screen *User's Guide* for instructions.

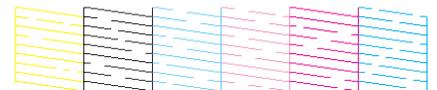
1. Make sure the printer is turned on but not printing, and no warnings or errors are displayed on the LCD screen.
2. Make sure letter-size plain paper is loaded in the printer.
3. Press **Setup**.
4. Press ◀ or ▶ to select **Maintenance**, then press OK.
5. Press ▲ or ▼ to select **Nozzle Check**, then press OK.
6. Press ◊ **Start**.

The nozzle check pattern prints:

Print head does not need to be cleaned:



Print head needs to be cleaned:



7. If there are no gaps or lines, the print head does not need to be cleaned. Press OK to return to the Maintenance menu.  
If there are gaps or lines, or the test patterns are faint, run the Head Cleaning utility as described below.

## Running the Head Cleaning Utility

Follow the steps below to run the Head Cleaning utility using the printer's control panel.

**Note:** You can also run the Head Cleaning utility using your computer. See your *Printer Basics* manual or on-screen *User's Guide* for instructions.

1. Make sure the printer is turned on but not printing, and no warnings or errors are displayed on the LCD screen.  
(If ink is low, you need to replace an ink cartridge before cleaning the print head).
2. Load a few sheets of letter-size plain paper in the printer.
3. Press **Setup** to enter the Setup menu.
4. Press ◀ or ▶ to select **Maintenance**, then press OK.
5. Press ▲ or ▼ to select **Head Cleaning**, then press OK.

- Press **Start**.

The printer runs a head cleaning cycle and a message appears on the LCD screen. Cleaning takes approximately 30 seconds.

**Caution:** Never turn off the printer while the message "Print head cleaning in progress. Please wait." appears on the LCD screen. You may damage it.

Do not insert the CD/DVD tray during cleaning.

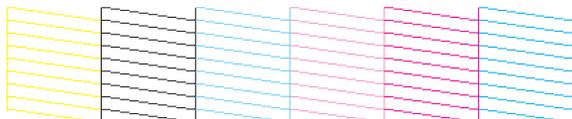
- When cleaning finishes, press **Start**. The printer prints a test pattern.
- If there are no gaps in the pattern, press **OK** to return to the Maintenance menu.

If there are gaps in the pattern, press **Start** to clean the print head again.

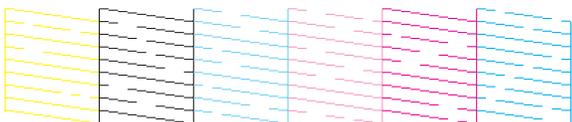
If you don't see any improvement after cleaning four or five times, turn the printer off and wait six hours. This allows any dried ink to soften. Then, try cleaning the print head again.

## Examining the Nozzle Check Pattern

Examine the nozzle check pattern you printed. Each staggered line should be solid, with no gaps, as shown.



- If your printout looks okay, you're done.
- If you see any gaps (as shown below), clean the print head again.



## Aligning the Print Head

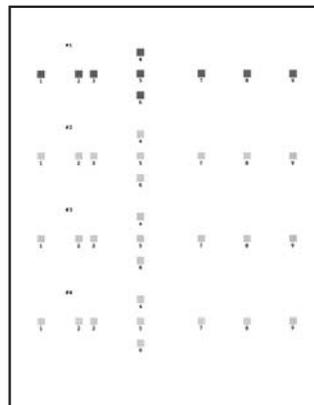
If your printouts look grainy or blurry, or you see light or dark lines, you may need to align the print head.

**Note:** You may also see lines in your printouts if your cartridges are low on ink or you need to clean the print head.

**Caution:** Do not press the **Stop/Clear Settings** button while printing an alignment sheet.

The steps below explain how to align the print head using the printer's control panel. (You can also do this using your computer. See your *Printer Basics* manual or on-screen *User's Guide* for instructions.)

- Make sure the CD/DVD tray is not inserted in the printer, and make sure the front tray is in the paper (lower) position.
- Make sure the printer is turned on but not printing, and no warnings or errors are displayed on the LCD screen.
- Make sure letter-size plain paper is loaded in the printer.
- Press **Setup** to enter the Setup menu.
- Press **Left** or **Right** to select **Maintenance**, then press **OK**.
- Press **Up** or **Down** to select **Head Alignment**, then press **OK**.
- Press **Start**. An alignment sheet is printed.

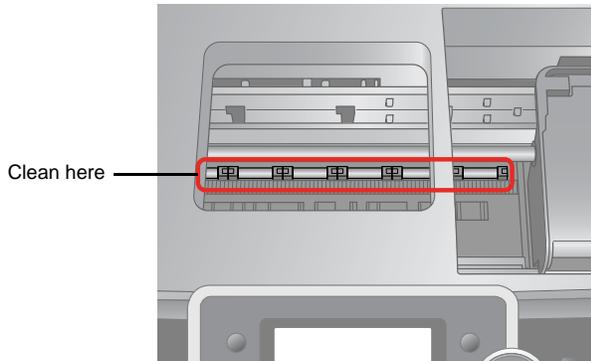


- Examine pattern #1 and find the square that is most even, with no streaks or lines.
- Press **Right** then **Up** or **Down** to select the number for that square.
- Press **OK**.
- Press **Down** to select the next pattern, then repeat steps 8 through 10.
- When you've finished your selections for each of the four patterns, press **OK**. You see the message "Print head alignment is complete."

## Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year.

1. Turn off the printer, unplug the power cord, and disconnect the USB cable.
2. Remove all the paper, then use a soft brush to clean the sheet feeder.
3. If the outer case or inside of the sheet feeder is dirty, clean it with a soft cloth dampened with mild detergent. Keep the printer cover closed to prevent water from getting inside.
4. If there is any ink inside the printer, wipe it off with a damp cloth in the area shown.



**Warning:** Don't touch the gears or any other parts inside the printer.

**Caution:** Never use a hard or abrasive brush, or benzine, alcohol, or paint thinner for cleaning; they can damage the printer components and case.

Don't get water on the printer components and don't spray or apply lubricants, oils, or grease inside the printer.

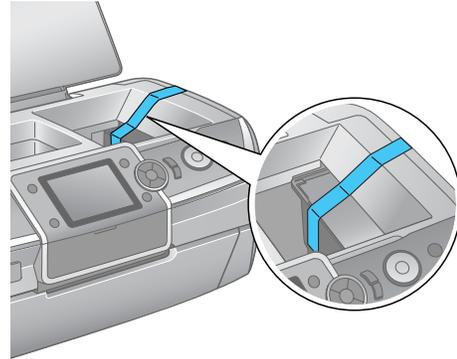
Don't use any cleaning sheets included with special paper; they may jam inside the printer.

## Transporting the Printer

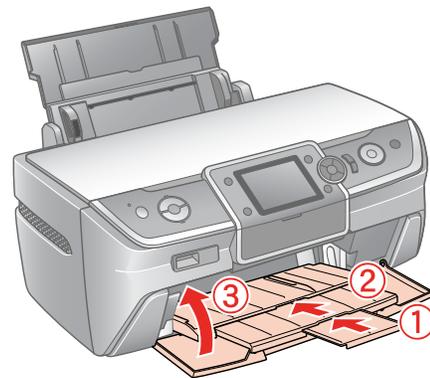
If you need to ship your printer, you must prepare it for transportation by packing the printer in its original box or one of a similar size.

**Caution:** When storing or transporting the printer, do not tilt it, stand it up vertically, or turn it upside down. Otherwise, ink may leak from the cartridges. Also, leave the ink cartridges installed. Removing the cartridges can dehydrate the print head and may prevent the printer from printing.

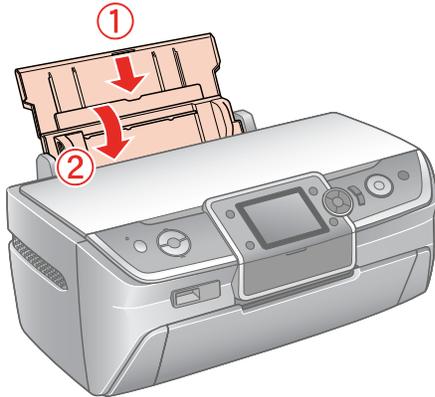
1. Remove all paper from the sheet feeder.
2. Turn the printer off.
3. Open the printer cover and make sure the print head is in the home (far right) position.
4. Secure the print head in the home position with a piece of tape, as shown below.



5. Close the printer cover.
6. Unplug the power cord from the outlet, then disconnect the USB cable from your computer.
7. Close the front tray extensions and front cover.



8. Close the paper support.



9. Repack the printer in the box, using the protective materials that came with it.
10. Turn off the printer and unplug its power cord. Then disconnect the power cord and USB cable from the printer.

Keep the printer level as you transport it.

After transporting the printer, plug it in, turn it on, and test it. If you notice a decline in print quality, clean the print head; if output is grainy or blurry, align the print head.

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### Related Documentation

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CPD-22276	Epson Stylus Photo R380 <i>Start Here</i>
CPD-22278	Epson Stylus Photo R380 <i>Printer Basics</i>
CPD-22277	Epson Stylus Photo R380 CD-ROM with on-screen <i>User's Guide</i>